

ROHAN JAGTAP

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EDUCATION

B.E. Computer Engineering: Sardar Patel Institute of Technology 2020, Mumbai, India
• **CGPA:** 8.73 / 10

PUBLICATIONS

Healthcare Conversational Chatbot for Medical Diagnosis (Book Chapter) October 2020
• A modified Hierarchical Recurrent Encoder-Decoder(HRED) architecture for diagnostic chatbots
• **Webpage:** igi-global.com/book/handbook-research-engineering-business-healthcare/239914

An In-depth Walkthrough on Evolution of Neural Machine Translation April 2020
• An exhaustive study of the past as well as the recent trends in Neural Machine Translation
• **URL:** arxiv.org/abs/2004.04902

WORK EXPERIENCE

Member of Technical Staff at VMware Inc. Remote-Office, India
Full Time July 2020 - Present
• Design and development of Azure Marketplace Applications for supporting platform-agnostic cloud products
– Designed Azure ARM Templates for resource deployment via Azure Marketplace
– Implemented plug-and-play PowerShell modules for supporting automatic product onboarding and setup for Azure Marketplace as well as AWS AppStream
• Design and development of highly scalable microservices that leverage the Microsoft Azure Cloud and IOT Hub Infrastructure
– Implemented event streaming using Spring for Apache Kafka
– Implemented a novel peer-to-peer caching solution with Spring Gemfire
• Provided approximately 50-75 fixes for on-call customer escalations so far
• Redesigned and revamped the entire automation framework for the App Volumes for Horizon Cloud on Microsoft Azure
• Contributed to DevOps by setting up pipelines, environment migration, integrating security tools, writing shell scripts, etc.
• Serving as a scrum master to facilitate agile practices to the larger team
• Serving on the interview panel for hiring

Intern January 2020 - July 2020
• Built a Notification Microservice from scratch using Spring Boot
• Developed a Database Migration Tool in Ruby for a cross-platform feature migration

TECHNICAL SKILLS

- **Programming/Scripting Languages:** Java, Python, C/C++, PowerShell, Bash, Ruby, ARM - Bicep
- **AI:** Deep Learning, Natural Language Processing, Machine Learning, Reinforcement Learning
- **Frameworks:** Spring Boot, Azure Resource Manager, Django, Flask, Ruby on Rails
- **Databases:** PostgreSQL, MongoDB

CERTIFICATIONS

NPTEL: Reinforcement Learning October 2019
• **Score:** 77/100 (Rank #2 in India. [Link](#))
• **Certificate Link:** nptel.ac.in/noc/Ecertificate/?q=NPTEL19CS55S41820719191052649

ACHIEVEMENTS

Winner, EUC India Innovation Week: Shark Tank and Product Booth - VMware September 2023
• Pitched a prototype for a novel self-healing engine for softwares in Shark Tank
• Presented an upcoming VMware product at the Product Booth

Winner, Technical Paper Presentation Competition - SPIT, Mumbai November 2019
• Departmental Technical Paper Presentation Competition Organized by the Research and Development Department of Sardar Patel Institute of Technology.

Runner Up, Sangam - ML Hackathon By IIT Madras Alumni Association August 2019
• To derive a formula for Air Quality Index (AQI) and predict AQI in temporal as well as spatial dimensions with visualizations.
• **GitHub:** github.com/rojagtap/sangam2019

Winner, Smart India Hackathon, 2019 Software Edition March 2019
• An Extractive Text Summarizer to make insurance documents more comprehensive for the customers
• **GitHub:** github.com/rojagtap/voice-over-insurance-protocol